Index, Vol. 27, July to December, 1925

Concrete

A Monthly Magazine Devoted to the Use of
Concrete and the Manufacture of Cement

With Which Has Been Combined Cement Age, New York, and Concrete Engineering, Cleveland

Published by Concrete Publishing Company, 139 North Clark Street, Chicago, Ill. Telephone CENtral 7670

ELBERT E. HAIGHT, *President & Manager* — FRED D. PORTER, *Treasurer* — JOHN C. LANGTRY, *Secretary* — M. N. WALWORTH, *Circulation Manager* — LOUIS BROOKMAN, JR., *Advertising Manager*

CHARTER MEMBER, ASSOCIATED BUSINESS PAPERS, INC.
CHARTER MEMBER, AUDIT BUREAU OF CIRCULATIONS

DWIGHT F. JENNINGS, Associate Editor
KENDRICK A. HATT, Associate Editor

Established 1904

ROBERT W. LESLEY, Consulting Editor
HARVEY WHIPPLE, Contributing Editor

Copyright, 1925, by Concrete Publishing Company

NOTE:

The month in which an article appeared is followed by the page number.

Asterisks denote illustrated articles, and names of books are enclosed in quotation marks.

The names of authors appear in italics. For the sake of ease in reference we have dropped the first word in each case where the first word of the preceding entry is the same.

A

Abrams, Duff A.—Autogenous Healing of Concrete, Aug., p. 50.
Add Story to Ramp Garage in 4½ days, Sept., p. 31.
Adhesion of Mortar to Brick, Aug., p. 51.
Admixtures, Hydrated Lime and Other, Aug., p. 51.
Advertising Ornamental Concrete Products,* July, p. 14.
Aggregate, Effect of Coarse,* Aug., p. 40.
—— Graded, Aug. p. 51.
Aggregates, Pre-drying Concrete, Aug., p. 24.
—— Table of Revised, Sept., p. 46.
Alkalis Upon Drain Tile, Effect of, Nov., p. 43.
American Construction Council Meeting Fights Jerry Builder, Nov., p. 26; Dec., p. 42.
American Road Builders' Associaion, July, p. 28.
—— To Tie Up Show to "Good Roads Week," Sept., p. 41.
Apartment Building of Lightweight Tile,* July, p. 22.
Apartments, Concrete Used on Tall,* Nov., p. 27.
Architect Designs Concrete House Construction*, Sept., p. 32.
Attractive Stucco That Is Permanent,* Dec., p. 13.
Autogenous Healing of Concrete, Aug., p. 50.

B

Badder, H. C.—A Macadam Type of Road Surface Bound with Aluminous Cement,* July, p. 20.
Bars, Nature of Rerolled Reinforcing, Sept., p. 39.
Beams, Concrete, Aug., p. 50.
Bergford, R. E.—Effect of Capping on Strength of Cores, Aug., p. 22.
Bibliography on Portland Cement, Aug., p. 25.
"Bill of Rights" for Trade Associations, Nov., p. 36.
Bins, Circular,* July, p. 34.
Blackall, A. C.—How British Railroads Utilize Concrete,* July, p. 10.
—— British Progress with Concrete,* Aug., p. 42.
Blaw-Knox Circular Bins,* July, p. 34.
Blitz, John K.—Setting Steel Windows in Block Walls,* Nov., p. 35.
Block Plant Idea, A New,* Oct., p. 36.
Books, New, "Concrete Making Machinery," Aug., p. 52; "Elementary Guide to Reinforced Concrete, Oct., p. 50; "Reinforced Concrete in Practice," "Practical Accounting for General Contractors," Dec., p. 46.
Boyden Dean of Engineering at Ohio Northern, Col., Aug., p. 51.
Brackmann, F. A.—Concrete Sanitary Ware,* July, p. 21.
Brett, Allen—Up-build or Up-keep, July, p. 2.
Brick, Manufacturing District Makes Own Brick*, July, p. 32.
Bridge, Concrete Planks on This, Oct., p. 41.
—— Gandy, Aug., p. 35.
—— A Complicated Girder Structure, Pacheco Pass*, July, p. 9.
—— Over the Enz, Long Span Girder,* July, p. 23.
—— Erected in New Manner,* Oct., p. 42.
—— Field Tests of,* Aug., p. 49.
Bringing in the Sand,* Sept., p. 46.
Bringing on the Fire-Safe Age,* Oct., p. 23.
British Progress with Concrete in 1924,* Aug., p. 42.
Builders Make Unusual Test,* Nov., p. 43.
Building a 1,500,000 Gallon Pool,* July, p. 31.
—— Test, Nov., p. 43.
Buildings—Moving a Concrete Building,* Dec., p. 42.
—— In Texas, Tall Concrete,* Oct., p. 48.
Bulking Effect of Celite,* July, p. 34.

C

Calcium Chloride, July, p. 28.
—— Curing Concrete With, July, p. 28.
Calfas, Paul—Saucer-shape Reinforced Concrete Floor Supports Stage,* Aug., p. 41.
Cannon Carriage Replaced by Concrete, Wooden,* Oct., p. 43.
Capping on Strength of Cores, Effect of,* July, p. 22.
Castle To Be Saved by Concrete, Dec., p. 24.
Causes of Non-Uniformity of Concrete, July, p. 17.
Celite, Bulking Effect of,* July, p. 34.
Cement, Aluminous,* July, p. 20.
—— Further Uses of Alumina, Sept., p. 45.
—— Storage in England, New Silo For,* July, p. 19.
—— Trade Association Activities, U. S. Supreme Court Upholds, July, p. 6.
Chenoweth, A. K.—Oldest Concrete Street Pavement,* July, p. 24.
Cinder Concrete Blocks,* Sept., p. 27.
—— Plant,* Oct., p. 36.
—— In Residence Construction,* Sept., p. 27.
Cinder Products Interests Combine, Aug., p. 43.
Clamshell, Wanted—A Better, Nov., p. 45.
Clean Tools Promote Efficiency, Sept., p. 52.
Coal Bunkers in German Power House, Modern,* Dec., p. 39.
Cold Storage Plant of Unusual Construction, Sept., p. 43.
Collins, D. R.—Operating the Plant in Winter,* Nov., p. 24.
Column, Connecting Concrete Beam to Steel,* July, p. 25.
Columns, Fire Resistance of, July, p. 8.
Combined Curb and Gutter Work,* July, p. 33.
Concrete Balcony Finished in Quick Time,* July, p. 13.
—— Poles Now Widely Utilized,* Nov., p. 21.
—— As Used in German Hydro Electric plant Construction,* Nov., p. 14.
—— Products and Railroads,* July, p. 10.
—— Reinforcing Steel Institute Meeting, Oct., p. 50.
—— Sanitary Ware,* July, p. 21.
—— Used on Tall Apartments,* Nov., p. 27.
"Concrete Making Machinery," Aug., p. 52.
Connecting Concrete Beam to Steel Column,* July, p. 25.
Conservancy Project,* Aug., pp. 18, 19.
Construction Job, Cost Data for Concrete, Sept., p. 38.
Conveyor Used to Handle Concrete,* July, p. 26.
Cork Lined Concrete Houses,* Nov., p. 15.
Cores, Effect of Capping on Strength of,* July, p. 22.
Cost Data for Concrete Construction, Sept., p. 38.
Costs Are Easily Found, Unit Labor,* Nov., p. 32.
Cottage to Withstand Earthquakes,* Aug., p. 22.
Cracks, Filling, Dec., p. 40.
Crowley, Peter—Wanted, A Better Clamshell, Nov., p. 45.
Curb and Gutter Work Combined,* July, p. 33.
Curing, Dec., p. 20.
Curing Concrete with Calcium Chloride, July, p. 28.
Curing Concrete in a Semi-Arid Climate, Dec., p. 20.
Cyl-o-Con Molds for Concrete Cylinders,* Aug., p. 52.

D

Dam to Learn Arch Design, Will Build and Destroy Concrete, Sept., p. 46.
Dam That Still Stands, An Early Concrete,* Sept., p. 49.
Design of Cement Concrete Pavements,* Aug., p. 27; Sept., p. 22; Oct., p. 19.
Design, Will Build and Destroy Concrete Dam to Learn Arch, Sept., p. 46.
Deterioration of Concrete in Sea and Alkali Water,* Oct., p. 17.
Dock Construction in Copenhagen, An Interesting,* Aug., p. 47.
Drain Tile, Effect of Alkalis Upon, Nov., p. 43.
Dressing Up a Street in Greeley, Colo.,* Sept., p. 41.
Dunn, C. P.—Foundations Repaired with Precast Units,* July, p. 3.

E

Early Concrete Dam That Still Stands, An,* Sept., p. 49.
Earthquake Tests Modern Construction, What Happens When An,* Oct., p. 14.
—— Concrete Cottage to Withstand,* Aug., p. 22.
Earthquakes, Lessons to Be Learned from Recent,* Oct., p. 15.
Economic Value of Road Reinforcement, July, p. 27.
Economy of Home-Owning, The, July, p. 11.
Effect of Alkalis Upon Drain Tile, Nov., p. 43.
—— Capping on Strength of Cores,* July, p. 22.
—— End Condition of Cylinder on Compressive Strength of Concrete, Sept., p. 44.
—— Fine Grinding Cement, Aug., p. 47.
—— Grading on Sand Strength Ratios,* Oct., p. 25.
—— Type of Coarse Aggregates on Quality of Concrete,* Aug., p. 40.
"Elementary Guide to Reinforced Concrete," Oct., p. 50.
Expanded Concrete, July, p. 30.

F

Facing, Dec., p. 40.
Failure, Evanston,* Dec., p. 43.
Fellowship in Highway Engineering, Aug., p. 49.
Field Concrete, Uniformity in, Oct., p. 28.
Field Tests of Bridge,* Aug., p. 49.
Financing, Viner to Study Street, Nov., p. 36.

Fine Grinding of Cement Increases Strength of Concrete,* Sept., p. 47.
Finishing, "Twists of the Wrist" in Cement,* Oct., p. 22.
Fire Protection Requirements, July, p. 28.
—— Resistance of Concrete Column, July, p. 8.
Fire-Safe Age, Bringing on the,* Oct., p. 23.
Five Fellowships in Highway Engineering and Highway Transport, Aug., p. 50.
Floor, Resurfacing, Dec., p. 40.
—— Supports Stage, Saucer-shape,* Aug., p, 41.
—— Warehouse, Dec., p. 40.
Foos, I. D.—U. S. Supreme Court Upholds Cement Trade Association Activities, July, p. 6.
Form Dressing, Dec., p. 40.
Forms, Trucks and Conveyor Deliver Concrete to Sewer,* July, p. 26.
Foundations, Repairing,* July, p. 3.
—— Repaired with Precast Units, July, p. 3.
Fournier, M.—Test Road Section at Bry-sur-Marne, France, Dec., p. 36.
Fundamental Business Considerations in Concrete Products Manufacture,* Sept., p. 35.
Further Uses of Alumina Cement, Sept., p. 45.

G

Gandy Bridge,* Aug., p. 35.
Garrison, Ernest E.—Long Concrete Bridge Completed,* Aug., p. 35.
Gasconcrete, July, p. 30.
Goldbeck, A. T.—The Design of Cement Concrete Pavements,* Aug., p. 27; Sept., p. 22; Oct., p. 19.
—— Modern Highways Call for This Kind of Cement, Dec., p. 30.
Gonnerman, Harrison F.—Effect of End Condition of Cylinder on Compressive Strength of Concrete, Sept., p. 44.
Good Concrete at 23 Below!* Dec., p. 21.
Good Promotional Work,* Oct., p. 44.
"Good Roads Week," Sept., p. 41.
Grading on Sand-Strength Ratios, Effect of,* Oct., p. 25.
Grinding Cement, The Effect of Fine, Aug., p. 47.
Grinding of Cement Increases Strength of Concrete, Fine,* Sept., p. 47.
Grover, O. L.—The Deterioration of Concrete in Sea and Alkali Water,* Oct., p. 17.

H

Harris Goes to Eberling Machines Sales, Nov., p. 43.
Haven, Edward—Clean Tools Promote Efficiency, Sept., p. 52.
Healed Concrete Is Strong, Nov., p. 36.
Healing of Concrete, Autogenous, Aug., p. 50.
Heidenreich, E. Lee—An Interesting Dock Construction,* Aug., p. 47.
Helping the Newspapers Get the Facts, Sept., p. 36.
Highway Engineering, New Fellowship in, Aug. p. 49.
—— Marking, A Homemade Device for,* Oct., p. 49.
—— Research Is, What, Sept., p. 33.
—— Research Board Meeting, Sept., p. 40.
Highways Call for This Kind of Cement, Modern, Dec., p. 30.
Hinkle, A. H.—New Developments in Maintenance of Concrete and Brick Roads,* Aug., p. 30.
Hitchcock, Frank A.—More Research Work,* Oct., p. 30.
Home-Owning, The Economy of, July, p. 11.
Hollow Concrete Poles by the Centrifugal Method,* Oct., p. 40.
Hollow-Tile Waste Aggregate, July, p. 29.
Home of Dr. W. Humes Roberts, Pasadena, Calif.,* Sept., p. 16.
Homemade Device for Highway Marking, A,* Oct., p. 49.
House Construction, Architect Designs Concrete,* Sept., p. 32.
Houses of Concrete Masonry, Ocean City,* July, p. 33.
—— Cork Lined Concrete,* Nov., p. 15.
—— In Holland, Concrete,* Sept., p. 50.
How British Railroads Utilize Concrete,* July, p. 10.
How to Make Concrete Travertine, Aug., p. 25.
Hurst, Charles—Proposed Reinforcing Concrete Construction to Relieve Traffic Congestion,* Aug., p. 39.
Hutchinson, G. W.—Uniformity in Field Concrete, Oct., p. 28.
Hydro-Electric Plant Construction, Concrete As Used in German,* Nov., p. 14.

I

Improved Washrack, An,* Aug., p. 48.
Industrial Engineering Course, Sept., p. 38.
Interesting Dock Construction in Copenhagen, An,* Aug., p. 47.
Inundation Used on Wacker Drive,* Sept., p. 17.

J

Jerry-builder, Dec., p. 42.
Johnson, A. N.—What Highway Research Is, Sept., p. 33.
Johnstone-Taylor, Major—Concrete Pipe for High Pressure Work,* July, p. 29.

K

Keppler, Arie—Concrete Houses in Holland,* Sept., p. 50.

L

Lessons to Be Learned from Recent Earthquakes,* Oct., p. 15.
Lighting Standards,* Sept., p, 42.
Lime and Other Admixtures, Hydrated, Aug., p. 51.
Limestone and Tile Waste Good for Concrete, Crushed, July, p. 23.
Limestone and Hollow-Tile Waste Aggregate, July, p. 29.
Linthwaite System of Construction,* Sept., p. 32.
Long Concrete Bridge Completed,* Aug., p. 35.
Long, Light Concrete Masonry Units,* Sept., p. 45.
Long Span Girder Bridge Over the Enz,* July, p. 23.
Lumnite, Water Content Important With, Oct., p. 29.

M

Miller, Harlan D.—Pacheco Pass Bridge a Complicated Girder Structure,* July, p. 9.
Macadam Type of Road Surface Bound with Aluminous Cement,* July, p. 20.
Making California's Best Pavement, Nov., p. 42.
Making Centrifugal Pipe, Dec., p. 45.
Making Concrete Light Posts for St. Louis,* Sept., p. 42.
Making Drain Tile Resist Alkali and Peat Soil,* Aug., p. 21.
Manufacturers Hold Meeting in St. Louis, Nov., p. 34.
Manufacturing District Makes Own Brick,* July, p. 32.
Marani, Virgil G., Gypsum Engineer, Dies Suddenly, Dec., p. 44.
Masonry Units, Long, Light Concrete,* Sept., p. 45.
Masonry Units, Time to Plan for Next Year's Rush for Concrete,* Aug., p. 29.
McCain, Earl C.—Wide Use of Concrete in Conservancy Project,* Aug., p. 19.
McKesson, C. L.—Curing Concrete with Calcium Chloride, July, p. 28.
Meaning of Terms Used in Design of Concrete Mixes, Aug., p. 34.
Milburn Low-Pressure Torch,* Aug., p. 54.
Miller, Harlan D.—Pacheco Pass Bridge Complicated Girder Structure,* July, p. 9.
—— Field Tests of Bridge Concrete,* Aug., p. 49.
Minimum Requirements for Masonry Wall Construction, Sept., p. 21.
Mixers, New Portable,* July, p. 34.
Modern Coal Bunkers in German Power House,* Dec., p. 39.
Modern Highways Call for This Kind of Cement, Dec., p. 30.
Molds for Concrete Cylinders, Cyl-o-Con,* Aug., p. 52.
More Research Work,* Oct., p. 30.
Mortar to Brick, Adhesion of, Aug., p. 51.

N

National Association of Building Trades Employers Meeting, Nov., p. 45; Dec., p. 42.
National Association of Manufacturers Meeting, Nov., p. 34.
Nature of Rerolled Reinforcing Bars, Sept., p. 39.
New Block Plant Idea, A,* Oct., p. 36.
New Books—"Concrete Making Machinery," Aug., p. 52; "Elementary Guide to Reinforced Concrete," Oct., p. 50; "Reinforced Concrete in Practice," "Practical Accounting for General Contractors," Dec., p. 46.
New Developments in Maintenance of Concrete and Brick Roads,* Aug., p. 30.
New Fellowship in Highway Engineering, Aug., p. 49.
New Portable Mixers,* July, p. 34.
New Silo for Cement Storage in England,* July, p. 19.
New Steel Pallets Worth Attention,* Nov., p. 44.
New Storage Bin at York Plant,* Dec., p. 24.
Newspapers Get the Facts, Helping the, Sept., p. 36.
New Tower Hoists Used on Important Work,* Dec., p. 29.
Non-Uniformity of Concrete, Causes of, July, p. 17.
Novel Concrete Street Work in Santa Monica, Sept., p. 39.

O

Ocean City Houses of Concrete Masonry,* July, p. 33.
Old Castle to Be Saved by Concrete, Dec., p. 24.
Oldest Concrete Street Pavement,* July, p. 24.
Operating the Plant in Winter,* Nov., p. 24.
Organizations, July, p. 56; Aug., p. 54; Sept., p. 52; Oct., p. 50; Nov., p. 46; Dec., p. 46.

P

Pacheco Pass Bridge a Complicated Structure,* July, p. 9.
Parker, Willis H.—Successful Advertising Methods With Ornamental Concrete,* July, p. 14.
—— Dressing Up a Street in Greeley, Colo.,* Sept., p. 41.
Pallets Worth Attention, New Steel,* Nov., p. 44.
Patching Concrete, Aug., p. 48.
Pavement, Making California's Best, Nov., p. 42.
—— Oldest Concrete Street,* July, p. 24.
Pavements, Design of Cement Concrete,* Aug., p. 26.
—— Sept., p. 22.
—— Oct., p. 19.
Peculiar Storage House Built of Concrete, A,* Sept., p. 37.
Peel, Arthur J.—Unit Labor Costs Are Easily Found,* Nov., p. 32.
Phillips, Michael J.—Novel Concrete Street Work in Santa Monica, Sept., p. 39.
—— "Healed" Concrete Is Strong, Nov., p. 36.
—— Making California's Best Pavement, Nov., p. 42.
Pipe, Centrifugal, Dec., p. 45.
—— For High Pressure Work, Concrete,* July, p. 29.
Poles by the Centrifugal Method, Hollow Concrete,* Oct., p. 40.
—— For Overhead Lines,* Dec., p. 41.
—— Now Widely Utilized, Concrete,* Nov., p. 21; Dec., p. 26.
Politics and Concrete,* July, p. 30.
Portland Cement Association to Build Own Home,* Sept., p. 30.
—— Bibliography, Aug., p. 25.
Power Plant Construction,* Nov., p. 14.
"Practical Accounting for General Contractors," Dec., p. 46.
Precast Units in Railway Grade Elimination Work,* July, p. 16.
Pre-Drying Concrete Aggregates,* Aug., p. 25.
Products Manufacture, Business Considerations in,* Sept., p. 35.
—— Plant Operation in Winter,* Nov., p. 24.
Promotional Work, Good,* Oct., p. 44.
Proposed Reinforced Concrete Construction to Relieve Traffic Congestion,* Aug., p. 39.
Proudley, C. E.—Effect of Grading on Sand-Strength Ratios,* Oct., p. 25.
Prusa—Artisan, Joe,* Aug., p. 48.

R

Railroad Station Roofing Tile,* Oct., p. 47.
Railroads Utilize Concrete, How British,* July, p. 10.
Railway Grade Elimination Work, Precast Units in,* July, p. 16.
Ramp Garage, Sept., p. 31.
"Reinforced Concrete in Practice," Dec., p. 46.
Reinforcing Distributors Hold Chicago Meeting, Oct., p. 50.
Research Work, More,* Oct., p. 30.
Residence Construction Requirements, July, p. 28.
—— Cinder Concrete Blocks in,* Sept., p. 27.
Residence of Dr. W. Humes Roberts,* Sept., p. 16.
Rings, Frederick—Concrete Cottage to Withstand Earthquakes,* Aug., p. 22.
Road Builders, The, July, p. 28.
—— Construction, July, p. 2.
—— Maintenance,* Aug., p. 30.
—— Reinforcement, Economic Value of, July, p. 27.
—— Surface Bound with Aluminous Cement,* July, p. 20.
—— Test, Dec., p. 36.
Roofing Tile on New Depot,* Oct., p. 47.
Roof Tile Problems Being Solved,* Nov., p. 37.
Ross, Allen L.—Helping the Newspapers Get the Facts, Sept., p. 36.

S

Sacks? Who Pays for "Free Service" Cement, Oct., p. 45.
Samson Wall Test,* Dec., p. 37.
Sand, Bringing in the,* Sept., p. 46.
Sand-Strength Ratios, Effect of Grading on,* Oct., p. 25.
Sanitary Ware, Concrete,* July, p. 21.
Saucer-shape Reinforced Concrete Floor Supports Stage,* Aug., p. 41.
Schaphorst, M. E., W. F.—Wrenches Are Long Enough, Nov., p. 42.
Seelye, Elwyn—Meaning of Terms Used in Design of Concrete Mixes, Aug., p. 34.
Setting Steel Windows in Block Walls,* Nov., p. 35.
Sewer Forms, Trucks and Conveyor Deliver Concrete to,* July, p. 26.
Seytter, K.—Modern Coal Bunkers in German Power House,* Dec., p. 39.
Silicate of Soda in Patching Concrete, Aug., p. 48.
Sligh, W. H.—Fine Grinding of Cement Increases Strength of Concrete,* Sept., p. 47.
Stack Surrounded by Concrete, Steel,* Aug., p. 46.
Staircase, Unique,* Nov., p. 35.
Stirrups of Wire Mesh, Continuous,* Aug., p. 52.
Storage Bin at York Plant, New,* Dec., p. 24.
—— House Built of Concrete, A Peculiar,* Sept., p. 37.
—— Plant of Unusual Construction, Cold,* Sept., p. 43.
Straub and Bo Cinder Products Interests Combine, Aug., p. 43.
Street in Greeley, Colo., Dressing Up a,* Sept., p. 41.
—— Work in Santa Monica, Novel Concrete, Sept., p. 39.
Strength of Concrete, Effect of End Condition of Cylinder on Compressive, Sept., p. 44.
—— Found in Old Concrete, Good, Oct., p. 18.

Stucco,* Dec., p. 13.
Successful Advertising Methods with Ornamental Concrete,* July, p. 14.
Swimming Pool, 1,500,000 Gallon,* July, p. 31.

T

Table of Aggregate Revised, Sept., p. 46.
Tall Concrete Buildings in Texas,* Oct., p. 48.
Temin, Morris—Fine Grinding of Cement Increases Strength of Concrete,* Sept., p. 47.
Test of New Wall Indicates Stiffness,* Dec., p. 37.
—— Road Section at Bry-sur-Marne, France, Dec., p. 36.
Texas, Tall Concrete Buildings in,* Oct., 48.
Theater Balcony Finished in Quick Time, Concrete,* July, p. 13.
Thermotite Construction System,* Dec., p. 33.
They Don't Wreck Concrete Buildings, But Move Them,* Dec., p. 42.
They Said It Couldn't Be Done,* Nov., p. 35.
Three Interesting Construction Jobs on Conservancy Project,* Aug., p. 18.
Thus Are We Judged,* Dec., p. 43.
Tile Used on Apartment Building, Lightweight,* July, p. 22.
Tile Waste Good for Concrete, July, p. 23.
—— Aggregate, July, p. 29.
Time to Plan for Next Year's Rush for Concrete Masonry Units,* Aug., p. 29.
Tools Promote Efficiency, Clean, Sept., p. 52.
Torch, Milburn Low-Pressure,* Aug., p. 54.
Tower Hoists Used on Important Work,* Dec., p. 29.
Trade Associations, "Bill of Rights" for, Nov., p. 36.
Trade Publications, July, p. 56; Aug., p. 54; Sept., p. 52; Oct., p. 50; Nov., p. 46; Dec., p. 46.
Traffic Congestion, To Relieve,* Aug., p. 39.
Travertine, How to Make Concrete, Aug., p. 25.
Trucks and Conveyor Deliver Concrete to Sewer Forms,* July, p. 26.
"Twists of the Wrist" in Cement Finishing,* Oct., p. 22.

U

Uniformity in Field Concrete, Oct., p. 28.
Union Station, Roofing Tile on,* Oct., p. 47.
Unit Labor Costs Are Easily Found,* Nov., p. 32.
Unit Wall That Is Reinforced, A,* Dec., p. 33.
Up-Build or Up-Keep, July, p. 2.
U. S. Supreme Court Upholds Cement Trade Association Activities, July, p. 6.

V

Viner to Study Street Financing, Nov., p. 36.
Volkman, C. L.—Nature of Rerolled Reinforcing Bars, Sept., p. 39.

W

Wacker Drive, Inundation Used on,* Sept., p. 17.
Walker, Stanton—Effect of Type of Coarse Aggregate on Quality of Concrete, Aug., p. 40.
Wall Construction, Minimum Requirements for Masonry, Sept., p. 21.
—— Test,* Dec., p. 37.
—— That Is Reinforced, A Unit,* Dec., p. 33.
Wanted, A Better Clamshell, Nov., p. 45.
Washrack, An Improved,* Aug., p. 48.
Water, The Deterioration of Concrete in Sea and Alkali,* Oct., p. 17.
—— Tower,* July, p. 27.
—— Tower, Nov., p. 20.
—— Tower Has Served 20 Years,* Nov., p. 20.
Welcome to Newberg,* July, p. 33.
What Happens When An Earthquake Tests Modern Construction,* Oct., p. 14.
—— Highway Research Is, Sept., p. 33.
Whipple, Harvey—Cork Lined Concrete Houses,* Nov., p. 15.
—— Roof Tile Problems Being Solved,* Nov., p, 17.
Who Pays for "Free Service" Cement Sacks? Oct., p. 45.
Wide Use of Concrete in Conservancy Project,* Aug., p. 19.
Will Build and Destroy Concrete Dam to Learn Arch Design, Sept., p. 46.
Windows in Block Walls, Setting Steel,* Nov., p. 35.
Winter Construction, Oct., p. 26.
Winter Construction,* Dec., p. 21.
—— Work Is Good Business, Oct., p. 26.
Wisconsin Concrete Products Association Exhibit,* Oct., p. 44.
Wrenches, Nov., p. 42.
Wrenches Are Long Enough, Nov., p. 42.

Z

Zabriskie, Wm. F.—Concrete Used on Tall Apartments,* Nov., p. 27.
Zass, W. W.—Pre-Drying Concrete Aggregates, July, p. 11.
—— Permanent Construction Costs Less, Aug., p. 24.